

Using Formative Evaluation in Teacher Designed Multimedia Courseware

Chun Hu
National Institute of Education
Singapore

Abstract

This paper describes an experience of pre-service teachers using formative evaluation in courseware design. In the module “Learning, Thinking and Instructional Technologies”, trainee teachers learned to use PowerPoint to produce multimedia courseware. In the process, they learned basic strategies of formative evaluation and applied them to the improvement of courseware design. The trainee teachers had three weeks to finish their products. By the end of the second week, they tested their courseware on respective target learners. Subsequently, the courseware was revised to incorporate the feedback obtained. Some trainee teachers managed to do the second testing before the final submission. The experience helped the trainee teachers learn the importance of formative evaluation in instructional courseware development, one of the least-well-done parts of multimedia design.